

MOGA, A., acad.; COFARU, D.; PINTEA, P.; ARGINTARU, D.

On the state of lipid metabolism in neuroses. Preliminary note.

Rumanian M Rev. no.3:18-20 J1-S '60.

(NEUROSES blood metabolism) (LIPIDS blood metabolism)

MOGA, A.; HARAGUS, St.; COFARU, D.; ORHA, I.

Some aspects of the correlation between atherosclerosis and arterial hypertension. Rev. sci. med. 6 no.1/2:73-76 '61.

1. Membre de L'Academie de la R.P.R. (for Moga).

(ARTERIOSCLEROSIS) (HYPERTENSION)

COFARU, D., dr.; ORHA, I., dr.; CORNIESANU, T., prof. cult. fizic. med.;
POP, V., dr.; BUTNARIU, M., dr.; OBRASCU, C., dr.

Trial therapy of atherosclerosis with medical physical culture.
Med. inter., Bucur 13 no.3:423-428 Mr '61.

1. Lucrare efectuata in Clinica I medicala, Cluj, director acad.
A Moga.

(CORONARY DISEASE therapy) (PHYSICAL THERAPY)

MOGA, A., acad.; ZAGREANU, I., dr.; COFARU, D., dr.

Comparative study of the incidence of asthenic neuroses with predominantly cardiovascular symptoms in urban and rural environments. Med. intern. 14. no.4:595-598 My '62.

1. Lucrare efectuata in Clinica I medicala, I.M.F. Cluj.
(NEURASTHENIA) (CARDIOVASCULAR DISEASES)
(RURAL HEALTH) (ENVIRONMENT)

MOGA, A., acad.; PITEA, P., dr.; COFARU, D. dr.

Concerning clinical and etiopathogenetic correlations in
hypertensive disease. Med inter 15 no. 5:573-579 My '63.
(HYPERTENSION) (OBESITY) (DIABETES MELLITUS)
(ARTERIOSCLEROSIS) (PEPTIC ULCER)
(LIPID METABOLISM DISORDERS)
(CARBOHYDRATE METABOLISM DISORDERS) (STRESS)

FAUR, A., conf.; COFARU, D., dr.; ORHA, I., dr.; MJRESAN, I., dr.

Investigations of lipid metabolism in biliary lithiasis and some aspects of the correlations between biliary lithiasis and arteriosclerosis. Med. intern. (Bucur.) 16 no.10:1235-1238 0 '64

1. Lucrare efectuată în Clinica I medicală, Institutul medicofarmaceutic, Cluj (director acad. A. Moga).

COFFOU, A.

"Unification Of Rolling Stock" p. 258. (Zeleznice, Vol. 9, no. 8, Aug., 1953, Beograd.)

SO: Monthly List of ^{East European} ~~Russian~~ ^{Vol. 2, No. 9,} Accessions, /Library of Congress, September 1953, Uncl.

COFMAN, D.N.; ROTT, N.N.

Development of the wing skeleton in the embryogenesis of birds
with different types of reproduction. Biol. MOIP: Otd. biol.
66 no.1:40-53 Ja-F '61. (MIRA 14:3)
(EMBRYOLOGY—BIRDS) (WINGS)

COFTA, E.

Among musical instruments from all over the world. p. 4, TURYSTA
Warszawa, Poland Vol. 21, No. 12, Dec. 1955

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6,
June 1956

GOFTA, E.

Poznan Cathedral. p. 8. TURYSTA. (Polskie Towarzystwo
Tursytyczno-Krajoznawcze) Warszawa. No. 6, June 1956.

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 11, August 1956.

Cofta, Henryk

POLAND/Magnetism - Ferromagnetism

F-4

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 11985

Author : Cofta, Henryk

Inst :

Title : Electron Conductivity in Phenomena of Ferromagnetism.

Orig Pub : Postepy fiz., 1956, 7, No 2, 137-152

Abstract : Survey. Bibliography, 37 titles.

Card 1/1

POLAND/Magnetism - Magnetic Resonance.

F

Abs Jour : Ref Zhur Fizika, No 8, 1959, 18135

of derivation based on it, namely the formal and the kinetic one, were found to be equivalent. The formulas obtained take into account the distant neighbors arbitrarily. They are used for each "regular" ordering, i.e., such in which the two spins, symmetrical with respect to a given spin, belong to the same sublattice. In individual cases the dispersion formula derived for the ferrimagnet with two types of spins goes into the expressions known from other papers. In orderings that are not regular, the semiclassical method predicts limitations of the propagation of spin waves.

Card 2/2

GOFTA, H.

New possible phenomenon in antiferromagnetics. Bul Ac Pol mat 8
no.8:547-551 '60.

1. Institute of Theoretical Physics, A. Mickiewicz University,
Poznan. Presented by W. Rubinowicz.

(Magnetism)

81122

P/045/60/019/02/06/013
B006/B011

24.2200

AUTHOR: Cofta, H.

TITLE: Spin-wave Resonance in Antiferromagnetics

PERIODICAL: Acta Physica Polonica, 1960, Vol. 19, No. 2, pp. 187-191

TEXT: The author wanted to find out whether a similar spin-wave resonance effect as the one predicted by C. Kittel (Ref 2) can occur in antiferromagnetics. For the derivation of the resonance formula a similar approximation method is applied as the one used by Kittel, but with some modifications. Thus, the same semiclassical spin-wave formalism is used, but the discretely localized spins are considered, and instead of the linearly polarized r. f. field, only one of its two circularly polarized components (the one rotating in the direction of the spin precession) is considered. This approximation method was devised by Bloch and Siegert (Ref. 1) who showed that the other circularly polarized component causes only an inobservably small resonance frequency shift. This approximation method has the advantage that the semiclassical equation of spin motion is strictly satisfied by the wave-precession solution, and no iteration method is necessary.

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Spin-wave Resonance in Antiferromagnetics

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B006/B011

(which is the case with Kittel). The author shows the possibility of this component exciting odd modes of spin waves in antiferromagnetics, and he calculates the resonance field strengths of the applied magnetic field for these modes. Each mode can be excited by two different values of the applied field. The phenomenon investigated is probably observable in films 3-10 times thicker than in the case of ferromagnetics. There are 3 non-Soviet references.

ASSOCIATION: Institute of Theoretical Physics, A. Mickiewicz University,
Poznan; Ferromagnetic Laboratory, Institute of Physics,
Polish Academy of Science, Poznan

SUBMITTED: July 1, 1959

Card 2/2

P/045/60/019/02/07/013
B006/B011

AUTHOR: Cofta, H.

TITLE: Ferrimagnetic Spin-wave Resonance ²¹

PERIODICAL: Acta Physica Polonica, 1960, Vol. 19, No. 2, pp. 193-198

TEXT: The author wanted to make a theoretical investigation on whether the excitation of spin wave modes by a uniform r. f. field in ferrimagnetics is possible. Concerning ferromagnetics, this had already been investigated by Kittel, who proved this effect in thin samples theoretically. The phenomenon occurring in this connection, the so-called spin-wave resonance, was discovered theoretically, and a little later confirmed by experiments. As predicted, clear peaks occur in odd modes only. The author of the present paper extends the approximation method used by Kittel to the general case: for substances exhibiting a considerable exchange coupling between atomic spins, inducing an ordering of spin orientations (these are called ferrimagnetics) the resonance field strengths of the magnetic field applied are derived for allowed odd modes of spin waves and for a given frequency of the r. f. magnetic field; both parallel spins (ferro-

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Ferrimagnetic Spin-wave Resonance

P/045/60/019/02/07/013
B006/B011

magnetics) and antiparallel (antiferromagnetics) are considered. For the case in which eddy currents can be neglected and spin waves have nodes on the boundaries, no resonance occurs in even modes. For this special case one obtains the formula by Kittel (Ref. 3). In the case of antiparallel spins the resonance formula obtained is developed into the formula derived by the author in Ref. 2. Finally, the author offers an estimation of the distance between two successive odd mode peaks. The author finally thanks Professor Doctor S. Szczeniowski for his interest and for corrections in the manuscript, as well as L. Nowicki and R. Ferchmin for their discussions. There are 5 non-Soviet references.

ASSOCIATION: Institute of Theoretical Physics, A. Mickiewicz University,
Poznan; Ferromagnetic Laboratory, Institute of Physics,
Polish Academy of Science, Poznan, Poland

SUBMITTED: July 2, 1959

Card 2/2

P/045/60/019/003/009/010
B022/B070

AUTHOR: Cefta, Henryk

TITLE: Effect of the Next to the Nearest Neighbours on the Super-
structural Anisotropy in Spin Wave Dispersion

PERIODICAL: Acta Physica Polonica, 1960, Vol. 19, No. 3, pp. 405 - 407

TEXT: In a previous paper (Ref. 1) the author pointed to the problem of the dependence of the spin wave propagation on the superstructure of the antiferromagnetic space lattice. An approximate calculation in that paper showed that for several antiferromagnetic superstructures a marked anisotropy of the spin wave dispersion must result ultimately due to the superstructure. In this note some results of the exact calculation are given. Application of formula (25) of Ref. 2 to particular superstructures of cubic antiferromagnetic lattice supports the author's surmise that the super-structural anisotropy of the spin wave dispersion appears in all cases where the parallel ferromagnetic planes with alternating spin directions are present. Calculations show that the effective field H_A of magnetic anisotropy plays no role in the phenomenon investigated.

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Effect of the Next to the Nearest Neighbours P/045/60/019/003/009/010
on the Super-structural Anisotropy in Spin Wave B022/B070
Dispersion

When the next to the nearest neighbours are taken into consideration, very interesting results follow. Since the interactions between such neighbours are of a character different from that between the nearest neighbours, the anisotropy parameters depend on the ratio $\eta = J_1/J_2$, where J_1 is the exchange integral between the nearest neighbours and J_2 that between the next to the nearest neighbours. This problem is followed up with a simple example of the FC-lattice with (001) ferromagnetic plane. The relation $a/c = \sqrt{1 - \eta}$ is derived which makes it possible to determine η from a measurement of the parameter $a : c$ (ratio of lattice parameters). Analogous calculations can be made for all antiferromagnetic super-structures with ferromagnetic planes. Detailed calculations and discussions are to be published in Acta Physica Polonica. There are 4 non-Soviet references.

Card 2/3

Effect of the Next to the Nearest Neighbours P/045/60/019/003/009/010
on the Super-structural Anisotropy in Spin Wave B022/B070
Dispersion

ASSOCIATION: Institut für theoretische Physik, A. Mickiewicz Universität,
Poznań und Abteilung für Ferromagnetismus des Physikalischen
Institutes der Polnischen Akademie der Wissenschaften, Poznań ✓
(Institute of Theoretical Physics, A. Mickiewicz University,
Poznań and Department of Ferromagnetism of the Physics
Institute of the Polish Academy of Sciences, Poznań)

Card 3/3

86673

24.7900 (1035, 1144, 1160)

P/045/60/019/006/012/012
B011/B059

AUTHOR: Cofa, Henryk

TITLE: Regular Superstructures of Magnetic Translational Lattices

PERIODICAL: Acta Physica Polonica, 1960, Vol. 19, No. 6, pp. 759-771

TEXT: An attempt has been made to discuss the magnetic superstructures from the viewpoint of spin-wave propagation. The classification of superstructures suggested by the author in earlier papers is developed more precisely by introducing symmetric and non-symmetric superstructures and dividing the former into regular and irregular ones. In a symmetric superstructure, each lattice point is a center of symmetry. A symmetric superstructure is regular if both sublattices, which are formed by the two kinds of spin in magnetic translational lattices, are translational, and it is irregular if these two sublattices are not translational. The present paper deals with regular sublattices only. The discussion comprises mainly anti-ferromagnetic translational lattices, but the classification and general conclusions refer to ferrimagnetic and antiferrimagnetic superstructures, too. As the most characteristic property of regular superstructures, the

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Regular Superstructures of Magnetic
Translational Lattices

P/045/60/019/006/012/012
B011/B059

author assumes the existence of alternating parallel ferromagnetic planes. This assumption allows to predict the phenomenon of superstructural anisotropy of spin-wave dispersion. The presumable behavior of spin waves in particular superstructures of cubic lattices is discussed in detail. Theoretical proofs of these hypotheses are presented. Moreover, a simple geometrical interpretation of Luttinger's method of describing superstructures is given, showing that this method is only applicable to regular superstructures. Doctor S. Szczeniowski is thanked for reading the paper and for discussions. There are 10 figures and 17 references: 3 Polish, 10 US, 1 German, 1 British, and 2 French.

ASSOCIATION: Institute of Theoretical Physics, A. Mickiewicz University,
Poznań and Ferromagnetic Laboratory, Institute of Physics,
Polish Academy of Science, Poznań

SUBMITTED: June 4, 1960

Card 2/2

COFTA, Henryk

Modified derivation of dispersion law for long spin waves in anti-ferromagnetic regular superstructures. Acta physica Pol 20 no.2:181-183 '61.

1. Institute of Theoretical Physics, A. Mickiewicz University, Poznan, and Ferromagnetics Laboratory, Institute of Physics, Polish Academy of Sciences, Poznan.

COTTA, Henryk

Superstructural anisotropy of the spin wave dispersion in anti-ferromagnetics. Pt. 1. Acta physica Pol 20 no.7:591-612 '61.

1. Institute of Theoretical Physics, A. Mickiewicz University, Poznan, Faculty 10, and Ferromagnetic Laboratory, Institute of Physics, Polish Academy of Sciences, Poznan.

P/512/62/000/003/005/006
E032/E414

AUTHOR: Cofta, Henryk

TITLE: Damping of spin waves in an asymmetric ferrimagnetic chain

SOURCE: Poznan. Uniwersytet. Zeszyty naukowe. no.39.
Matematyka, fizyka, chemia. no.5. 1962. 153-170

TEXT: This is a continuation of work reported in previous papers (Acta Phys. Polon. 18, 1959, 215; 19, 1960, 759). In the first of these papers it was assumed that effects associated with different overlapping of different electron clouds have practically no effect on the damping of spin waves. In the present work this assumption is removed and overlapping effects are allowed for in the case of an asymmetric chain. A chain of the form

... A B B A A B ..., (1)

is discussed subject to the following simplifying assumptions.

(1) The three exchange integrals for the nearest neighbors are of the same sign, (2) for a given substance either

Card 1/2 $|J_{AA}| \leq |J_{AB}| \leq |J_{BB}|$ (2)

Damping of spin waves ...

P/512/62/000/005/005/006
E032/E414

or

$$|J_{AA}| \geq |J_{AB}| \geq |J_{BB}| \quad (3)$$

and (3) the differences $|J_{AA} - J_{AB}|$ and $|J_{AB} - J_{BB}|$ are not greater than $|J_{AA}|$ and $|J_{AB}|$. The secular equation is then

derived and solved. The derivation is semiclassical and is based on the Dirac Hamiltonian (Proc. Roy. Soc., 123, 1929, 714). Four frequency branches are obtained and their nature is investigated. It is shown that for an antiferromagnetic, the results obtained in the previous papers remain in force. However, in the case of ferrimagnetics the frequencies of two of the branches are complex for certain values of the spins and the exchange integrals. This means that damping is present and the spin waves will be attenuated. A further development of the theory to the case of damping of spin waves in three-dimensional asymmetric superstructures will be discussed in a future paper. There are 4 figures.

ASSOCIATION: Katedra fizyki teoretycznej (Department of
Card 2/2 SUBMITTED: October, 1960 Theoretical Physics)

COFTA, Henryk

Superstructural anisotropy of the spin wave dispersion in anti-ferromagnetics. Pt.2. Acta physica Pol 23 no.3:333-361 Mar '62.

1. Institute of Theoretical Physics, A. Mickiewicz University, Poznan.

L 18843-63

EWI(1)/BDS/ES(s)-2 AFFTC/ASD/ESD-3/IJP(C)/SSD Pt-4

ACCESSION NR: AP3009930

G/0030/63/003/003/1472/1474

AUTHOR: Cofta, H.

(P)

64
63

TITLE: Spin-wave spectrum in antiferromagnetics with double ferromagnetic planes

SOURCE: Physica status solidi, v. 3, no. 8, 1963, 1472-1474

TOPIC TAGS: antiferromagnetism, Valenta . physical equivalence principle, spin-wave spectra superlattice structure, antiferromagnetic superlattice, ferromagnetic sublattice, crystal symmetry, dispersion

ABSTRACT: The occurrence of collinear spins, in which like spins lie in parallel ferromagnetic planes in the order ... + + - - + + - - ..., was investigated. The dispersion relation for spin waves was established on the basis of the physical equivalence principle (L. Valenta: Czech. J. Phys., B7, 127 (1957)). In the absence of an external field, the energy spectrum has two branches with a common point at $k=0$, representing a significant difference from the regular

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ACCESSION NR: AP3005930

antiferromagnetic substances. In the case of an isotropic superstructure, each branch is a linear function of the propagation vector k of the spin wave. An equation was developed for the characterization of the system. The frequency-determining value can be calculated from the secular equation of the former equation. Orig. art. has 3 formulas.

ASSOCIATION: Chair for Theor. Phys., A. Mickiewicz Univ., Poznan [original language version not given].

SUBMITTED: 05Jun63

DATE ACQ: 26Aug63

ENCL: 00

SUB CODE: MA, PH

NO REF SOV: 000

OTHER: 009

Card 2/2

COFTA, Henryk, doc. d:

Antiferromagnetic substances. Problemy 21 no.4:206-219 '65.

1. Head, Department of Theoretical Physics of the Adam Mickiewicz University, Poznan.

COFTA-BRONIEWSKA, Aleksandra

2

Some remarks concerning the early medieval glass manufacture
in Kryszwica City. Szkło 13 no.1:19-25 Ja '62.

COGAINICEANU, A.

Determination of the lowest operating level of water in reservoirs of hydroelectric plants. p. 88. ENERGETICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerului Energiei Electrice si Industrii Electrotehnice) Bucuresti. Vol. 4, no. 2, 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

COGALNICHANU, A.

COGALNICHANU, A. Hydroelectric-power resources in Russia. p. 535

Vol. 4, no. 11, Nov. 1956

ENERGETICA
TECHNOLOGY
ROMANIA

So: East European Accession, Vol. 4, No. 5, May 1957

COGALNICEANU, Al., ing.

Pumping hydroelectric-power plants of Eastern Germany. Energetica
Rum 9 no.11:421-432 N '61.

(Germany, East—Hydroelectric power stations)
(Pumping machinery)

COGALNICEANU, Alexandru, ing. (Bucuresti); BADEA, Ioan Arsenie, conf.
ing. (Bucuresti)

The influence of hydroelectric plants on fuel consumption in the thermoelectric power stations of the power system. Energetica Rum 10 no.3:89-96 Mr '62.

1. Sef de sectie la Comitetul pentru tehnica noua (for Cogalniceanu). 2. Specialist consultant la Comitetul pentru tehnica noua (for Badea).

COGALNICEANU, Alexandru, ing. (Bucuresti)

Development of hydroenergetics in the U.S.S.R. I. Energetica
Rum-10 no.5:197-205 My '62.

1. Sef de sectie la C.T.N.

COGAINICEANU, Alexandru, ing. (Bucuresti)

Hydroelectric power resources of the U.S.S.R. Pt. 2.
Energetica Rum 10 no. 12: 497-511 D '62.

1. Sef de sectie la C.T.N.

COGALNICEANU, A., conf. ing.

Distribution of investments and annual costs of complex developments among several utilities. Energetica Rum 11 no.9:449-461
S '63.

COGALNICEANU, A., conf. ing.

Technical and Scientific Session of the Institute of
Hydroelectric Studies and Planning. Energetica Rum 12
no. 5:245-246 My '64.

COGALNICEANU, A., ing.

Power development in Yugoslavia. Energetica Rum 12 no. 6:
289-295 Je '64.

GROZA, O., ing.; COGALNICEANU, A., conf., ing.

Hydroelectric power development. Energetica Rum 12 no. 8:
361-372 Ag '64.

1. Director, Institute of Hydroelectric Power Studies and
Planning (for Groza). 2. Institute of Hydroelectric Power
Studies and Planning (for Cogalniceanu).

COGAN, S.; MARINESCU, C.

An implement for unloading from railway cars and mounting of prefabricated culverts with a span up to 5 m. P. 232.

REVISTA TRANSPORTURILOR. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Transporturilor, Navale si Aeriene) Bucuresti, Romania. Vol. 6, no. 5, May 1959.

Monthly List of East European Associations (TEAI) IC. Vol. 8, no. 9, Sept. 1959.

Uncl.

COGAN, S., ing.

Mechanizing the execution of contraction joints in road coverings
made of cement concrete. Rev transport 8 no. 11:498 N '61.

(Roads, Concrete)
(Road machinery)

COGAN, S., ing.

A new type of border asphaltic coverings. Ray transport 8 no.10:457-458
'61.

COGAN, S., ing.

Achievements and future prospects in the sector of highways in the
U.S.S.R. Rev transport 9 no.1:1-4 Ja '62.

COGAN, S., ing.

Studies on the determination of the carrying capacity of
aviation runways made of cement concrete. Rev transport
9 no. 6:245-250 Je '62.

COGAN, S., ing.

Improving the vibration system in reinforced concrete finishers.
Rev transport 8 no. 8:367-368 Ag '61.

MANOLESCU, R., ing.; COGAN, S., ing.

Controlling the quality of cement concrete on cylindrical
test pieces extracted from the the covering materials.
Rev transport 8 no. 9:381-386 S '61.

COGHEN, T.

~~COHEN, I~~

Nuclear interactions in the π^0 decay. C. C. Chien, L. Stenlund, W. W. C. Williams, G. S. Gammage, and R. K. Krawinkel (Poland) and J. Krawinkel (Poland). (In English). Measurements of secondary particles in interactions of cosmic radiation with emulsion have been performed. Anisotropy of angular distribution with increasing primary energy is found that in many high-energy cases is in the vicinity of 47.5° a.m. Angle predicted by the theories of Heisenberg planning these experiments a good which the secondary are emitted by moving in opposite directions. An experiment has been given relation between the velocity of a process, multiplicity, and transverse has been discussed.

Distri: 4E30/4E3d



NIU, K.; BABECKI, J.; COGHEN, T.; MIESOWICZ, H.

The four momentum transfer between groups of particles in cosmic ray jets of very high energies. Acta physica Pol 26 no.1:71-76 J1 '64.

1. Institute of Nuclear Research, Laboratory of High Energy Physics, Krakow, Polish Academy of Sciences (for Babecki, Coghén, Miesowicz). 2. University of Tokyo, Institute for Nuclear Studies, Tokyo (for Niu).

POLAND

COGIEL, Feliks [Affiliation not shown], Olęsno Śląskie

"Considerations and Remarks About Bovine Leukemia"

Lublin, Medycyna Weterynaryjna, Vol 22, No 9, Sep 1966; p. 535-541

Abstract: Data on leukemia in 14 cows, out of about 30 examined; classification in 4 types mainly according to the localization (or intensity of disease in various animals); symptoms, diagnosis; histopathology; the incidence is increasing and some regulations are needed for veterinary inspection of carcasses and evaluation of suitability as food. Photograph of cow, of 7 specimens; 4 photomicrographs; 3 tables; 3 Western, 15 Polish references.

COHEN, A.

Observations on the copulation of the spiders Linyphia frutetorum
C. L. Koch and Agriope lobata Pall. In French, p. 275

Bucharest. Muzeul National de Istorie Naturala "Grigore Antipa."
TRAVAUX. Bucuresti, Rumania. Vol. 1, 1957

Monthly list of East European Accessions (EEAI) LC Vol 8, No. 6, June 1959
Uncl.

COHEN E.I.

EXCERPTA MEDICA Sec.6 Vol.10/12 Internal Medicine D'56

7429. COHEN E.I. Calea Calărași Nr. 33 Raion T. Vladimirescu, Bucharest.

*Residual exophthalmos J. CLIN. ENDOCR. METAB. 1958, 16/4 (559-560)

It is essential to distinguish between 2 forms of exophthalmos: evolutionary and residual. Hypophyseal inhibitors are only indicated in the evolutionary stage. In the residual form such treatment is predestined to failure.

Bansi - Hamburg

EXERPTA MEDICA Sec 6 Vol 13/2 Internal Med. Aug 59

4761. THYROTROPHIC EXOPHTHALMOS. CLINICAL FORMS AND NEUROLOGICAL ASPECTS - L'exophtalmie thyroïdienne. Formes cliniques et aspect neurologique - Cohen E. I. Bucarest - PRESSE MED. 1958, 66/46 (1040-1043) Graphs 2 illus. 1

What defines residual exophthalmos is its persistent character due to irreversible anatomic-pathological causes occurring after the remission of hyperthyroidism. It is clinically characterized by the absence of excessive thyrotrophism (asthenia, zones of localized myxoedema or neurological extrapyramidal signs). As a rule such patients do not come for medical assistance or, if they do, it is only for aesthetic reasons which, in women, might induce anxiety and nervous hyperexcitability. From the practical therapeutic point of view, it is very important to recognize the presence of a residual exophthalmos owing to the fact that the treatment with pituitary inhibitors is contraindicated in this form so that only the local treatment proves to be suitable.

(VI.3, 8, 12)

COHEN, I.S.

Cohen, I. S. and Kaskasov, J. Rings for which every module is a direct sum of cyclic modules, Math. Z. 54, 97-101 (1951).
It is known [Köster, Math. Z. 39, 31-44 (1934)] that if every module of a commutative ring R (with unit element) is a direct sum of cyclic modules and if R satisfies the descending chain condition then R is a principal ideal ring. In the present paper it is shown that the descending chain condition need not be assumed, but it follows automatically from the other assumptions. The proof starts with a consideration of orthogonal elements in R , which disposes of the semisimple case, and then uses the structural analysis of those commutative rings in which prime ideals are all maximal.
T. Nakayama (Nagoya).

SMW

Source: Mathematical Reviews,

Vol 13 No. 3

COHEN, J.; OJECESCU, M.; REBIGAN, Fl.

Absolute measurements by cavity ionization chamber used in the Radioactive Nuclides Metrological Laboratory of the Institute of Atomic Physics. Studii cerc fiz 14 no.5:619-626 '63.

1. Institutul de fizica atomica, Bucuresti.

COHEN, J.; ONCESCU, M.; REBIGAN, F.

Absolute measurements by cavity ionization chamber used in the Radioactive Nuclides Metrological Laboratory of the Institute of Atomic Physics. Studii cerc fiz 14 no.5:619-626 '63.

1. Institutul de fizica atomica, Bucuresti.

COHEN, J.; ONYCHUS, M.; PERIGAN, F.

Installation for relative measurements of Y-activity with
a ^{90}Sr ionization chamber (with a well). Stud. con. 12 16
10.12701-771 1964

1. Institute of Nuclear Physics, 171. Box 35, Rochester.

BELCHER, E.H.; COHEN, M.; DODLEY, R.A.; PARKER, H.G.; TOLST, K.C.; VETTER, H.

Progress in the use of isotopes and radiation sources in
medicine. Cas. lek. cesk. 104 no.19:100-104 14 My '65.

1. MAAE a WHO.

PETREA, G., ing.; SBIREA, A., ing.; CONSTANTINESCU, D., ing.; ILIESCU, Gh., dr.
TOCAN, M., biolog; ENESCU, C., ing.; DUHNEA, D., ing.; DEDU, V.,
ing. COHN, A., ing.

Improving the physical and mechanical properties of paper by
using Rumanian-made synthetic resins. Cel hirtie 11 no. 2:
62-69 F'62.

1. Institutul de Cercetari si Proiectari pentru Hirtie, Celu-
loza si Stuf (for Tocan). 2. Fabrica de hirtie "1 Septembrie"
(for Cohn).

GAVRILIU, D. [Gavriliu, D.]; KON, A. [Cohn, A.]

Methodology of surgical reconstruction after esophageal resection
for a tumor. Khirurgia 40 no.3:80-83 Mr '64. (MIRA 17:9)

1. 3-ya Khirurgicheskaya klinika (dir.- chlen-korrespondent
Rumynskoy Narodnoy Respubliki prof. I. [Paparasanu, I.], Bessarab.

L 33312-66 EWP(k)/EWP(t)/ETI JD

ACC NR: AP6024620

SOURCE CODE: RU/0017/65/000/006/0297/0300

AUTHOR: Cohn, E. (Engineer); Carabas, N. (Engineer)

ORG: "Semanatoarea" Works, Bucharest (Uzinele "Semanatoarea")

TITLE: Quantitative determination of active bentonite in molding sands

SOURCE: Metalurgia, no. 6, 1965, 297-300

TOPIC TAGS: metal casting, metallurgy

ABSTRACT: The authors describe a method for the determination of the active bentonite in molding sands by treating the sands with a copper sulfate solution and by carrying out a quantitative chemical determination of the metal ions before and after the treatment. Orig. art. has: 3 figures and 1 table. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 002

Card 1/1

UDC: 621.742.4:543.7

0915

2254

COHN, E.; MAIOR, O.

On the synthesis of the 2,6-thianthrenediacetic acid and some of its derivatives. Rev chimie Min petr 13 no.10:619-620 0 '62.

11(2)

RUM/9-11-5-2/39

AUTHOR:

Sofroni, L., Cohn, E., and Cosneanu, C.

TITLE:

Studies on Gas-Development from Moulding and Core Mixtures at High Temperatures

PERIODICAL:

Metalurgia si Constructia de Masini, 1959, Vol 11, Nr 5, pp 367-373 (Rumania)

ABSTRACT:

The authors emphasize that the properties of mouldings and core materials (moisture, permeability, resistance, etc) must be tested at high temperatures. This is important, since the cavities produced by moulding and core gases in cast pieces are still rather frequent in **certain** products of Rumanian foundries. The time of the gas development is more important than the quantity, since the cavities are formed during the period when the iron cast is still liquid. In Rumania, the factories "Ernst Thälmann", "23 August" and "Semana-toarea" have conducted tests aimed at determining gas development in moulding and core mixtures. The authors describe the procedures employed in those tests. They used an apparatus for measuring the volume of gases ✓

Card 1/2

RUM/9-11-5-2/39

Studies on Gas-Development from Moulding and Core Mixtures at High Temperatures

developed by a sample of 0.5 to 4 grams of mixture heated in a porcelain tube and absorbed in a water-cooled burette that indicates the volume of gas directly. Measurements were made at intervals of 15, 30, 45, 60, 90 seconds and 2, 3, 5, 7, and 10 minutes. Moulding sand of Valenii de Munte and Miorcani were found to develop 1-2 cu cm per gram. The testing temperature was 1,200 to 1,300°C for steel, 100 to 1,100°C for iron and 600°C for aluminum alloys. Various core-sand binders were also tested: dextrine, AN, "moliftan", soluble glass, linseed oil. The results are compared. Bakelite, AN and moliftan binders are found more adequate than dextrine or linseed oil, as they develop less gas during the first seconds. There are 12 graphs, 1 diagram and 4 Soviet references. ✓

Card 2/2

VASILIU, G.; COHN, E.

Contributions to the chemistry of thianthrene. Pt. 4.
Rev chimie Min petr 15 no. 3: 139-142 Mr '64.

MAIOR, O.; COHN, E.

Observations on the phenoxathiin synthesis. Rev chimie Min petr
15 no.6:358-359 Je '64.

1. Laboratory of Organic Chemistry, Faculty of Chemistry, Bucharest
University.

COHN, H.

Efficiency of the estimation functions of the probability
of passing of a Markov chain. Studii cerc mat 16 no.8:
1059-1064 '64.

COHEN, R.

Consistency of the verisimilar relation test. Utilized test no.
10:1249-1255 '64.

BOTEV, M.: COHN, H.

"Probability theory and mathematical statistics" by Marek Fisz.
Reviewed by M.Botev, H.Cohn. Rev math. Roum 10 no.1:100-102 '65.

L 19883-66 EWT(d) LJP(c)

ACC NR: AP6010165

SOURCE CODE: BU/COLL/65/018/008/0703/0705

AUTHOR: Botez, M.; Cohn, H.

ORG: none

TITLE: Multidimensional limit theorem for aleatory systems with complete links

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 8, 1965, 703-705

TOPIC TAGS: probability, mathematics

ABSTRACT: A main limit theorem for aleatory systems with complete links, which is a generalization to multiple dimensions of the Moivre-Laplace theorem, is presented. The concept of chains with complete links is introduced into the theory of probability by O. Oniescu and G. Mihoc (see C. R. Acad. Sci., 200, 1955, 511). The article contains also a complete specification of homogeneous aleatory systems with complete links. This paper was presented by B. Petkantchin, Corresponding Member BAN, 9 April 1964. Orig. art. has: 14 formulas. [JPRS]

SUB CODE: 12 / SUBM DATE: 09Apr64 / CTH REF: 005

Cord 1/1 TS

COHEN, J.
HAVAS, R.; DIMITRIU, M.; COHN, J.

Serpasil treatment in chorea minor. Rumanian M. Rev. 1 no.4:40
Oct-Dec 57.

(CHOREA, ther.

reserpine in chorea minor)

(RESERPINE, ther. use
chorea minor)

COHN, M.

COHN, M. Some considerations in connection with the saddle-type pressure of the high-tension I. M. S. flyer. P. 395.

Vol. 7, No. 9, September 1956

INDUSTRIA TEXTILA

TECHNOLOGY

Bucuresti

So: East European Accession, Vol. 6, No. 3, March 1957

Cohn, M.

Cohn, M.

Cohn, M. New method for fire prevention in stereocams for new materials in spinning. p. 523.

Vol. 7, no. 12, Dec. 1956.

INDUSTRIA TEXTILA.

TECHNOLOGY

RUMANIA

Co: East European Accession, Vol. 6, no. 5, May 1957

COHN, M.

COHN, M. Premises of plastic methods for the calculation of structures. p. 655

No. 11, 1956

INDUSTRIA DE CONSTRUCTII SI A MATERIALELOR DE CONSTRUCTII
TECHNOLOGY
ROMANIA

So: East European Accession, Vol. 6, No. 5, May 1957

COHN, M.

Rules for determining seismic loads in the projecting of buildings. P 206

STANDARDIZAREA. Comisiunea de Standardizare. Bucuresti, Rumania
Vol. II, no. 5, May 1959

Monthly List of East European Accessions (EEAI) LC. vol. 8, no. 9, Sept. 1959

Uncl.

COHN, M.Z.; PETCU, V.A.

On the influence of steel percentage on the plastic adaptability
of redundant reinforced concrete beams. Bul Ac Pol Tech 8 no.
11/12:713-721 '60.

1. Structural Department, Building Research Institute, Bucarest,
RPR. Presented by W. Olszak

SERBANESCU, G.; COHN, M.; SANDI, H.

A bibliographic study on the engineering seismology; summary.
Studii astron seismol 6 no.2:453-455 '61.

COHN, M. Z.; PETCU, V. A. (Bukareszt)

Influence of steel percentage on the plastic adaptability of redundant reinforced concrete beams. Arhiv inş lăd 7 no.3:361-375 '61.

1. Institut Badawczy Budownictwa, Bukareszt, Rumania.

COHN, M.Z.

Simple rule for designing continuous reinforced concrete beams with
border limit load capacity. *Hozpr in* PAN 11 no.2:351-360 '63.

1. Structural Department, Building Research Institute, Bucuresti.

COHEN, M. Z. (Bucharest)

Collapse loads of stiffened ideal-plastic beams. Archiw mech
13 no.5:557-561 '61.

1. Building Research Institute, Bucharest, Rumania.

QOHN, M.Z. (Bucharest)

Limiting states of anisotropic continuous beams under concentrated moving loads. Archiw inż lad 8 no.4:417-426 '62.

COHN, M.Z., research engineer.

Ultimate loads and deflections of stiffened steel beams.
Archiw inż lad 10 no.1: 35-50 '64

1. Building Research Institute, Bucharest, Romania.

ROSENBERG, M.; NICOLAU, P.; NICOLAE, I.; TANASOIU, C.; MIHALCU, M.; BARBULESCU, A.; COHN, Z.; SCHONBERGER, P.

Studies on the thermistors in Rumania. Studii cerc fiz 12 no.4: 909-912 '61.

1. Institutul de fizica, Bucuresti (for Rosenberg, Nicolau, Nicolae, and Tanasoiu). 2. Uzinele Electronica, Bucuresti (for Mihalcu, Barbulescu, Cohn, and Schoenberger).

RUMANIA/Cultivated Plants - Medicinal. Essential Oils. Toxins. M-8

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30105

Author : Coiciu, E.

Inst : -

Title : Contribution to the Agrotechny of the Medicinal Plants.
Digitalis purpurea L., Coriandrum sativum L.

Orig Pub : An. Inst. cercetari agron., 1956, 23, No 4, 179-201
(Rum.; res. Russ., Fr.)

Abstract : Tests made at the Agrucultural Station of Megurele in Rumania have established that in the culture of Digitalis purpurea L. the best results were gotten from May planting, spacing 50 x 50 cm.; the gathering of years of the first year of vegetation considerably surpassed that of the second year. For Coriandrum sativum L. early spring single-strip planting is suggested with the spaces between the rows at 30 and 40 cm. and the sowing rate of 12 kg. per ha.

Card 1/1

SAVULESCU, Alice; BECERESCU, D.; PUSCASU, A.; BOJOR, O.; PLATON, Florentina;
COICIU, Eudochia; STEFANESCU, A.; MOGA, Rodica; DRAGOMIRESCU-MANUCHIAN,
Maria

Research on the producing of spurred rye in Rumania. Studii cerc
biol veget 13 no.2:149-173 '61. (KEAI 10:11/12)

1. Membru corespondent al Academiei R.F.R.(for Savulescu) 2. Institutul
de cercetari agronomice(for Coiciu, Becerescu, Stefanescu, Puscasu,
Moga) 3. Institutul pentru controlul de stat al medicamentului si de
cercetari farmaceutice(for Bojor, Dragomirescu-Manuchian, Platon).

(Rgot)

PATRASCU, M., ing.; MACAVEI, O., tehn.; HEINCZ, M., tehn.; COICULESCU, M., ing.
HERTA Ileana, tehn.; HEINCZ, Maria, tehn.

Fighting against the blasting dust. Rev min 14 no.10:
467-473 0 '63.

EXCERPTA MEDICA Sec.7 Vol.12/3 Pediatrics March 58
COJA, N.

829. INCIDENCE OF TOXOPLASMOSIS IN RUMANIA. TWO CASES OF TOXOPLASMOSIS DIAGNOSED CLINICALLY AND CONFIRMED PARASITOLOGICALLY AND MORBID-ANATOMICALLY - Asupra existentei toxoplasmozei în tara noastră. (In legătură cu două cazuri de toxoplasmoză diagnosticate clinic si confirmate parazitologic si anatomopatologic) - Coja N., Negrut, Tonk, Pop R. and Papilian V. Clin. Obstet. și Ginecol., Cluj - VIATA MED.(București) 1956, 3/8 (49-54) illus. 4
- The case is reported of a para I aged 28 yr. who presented a diarrhoeic syndrome, asthenia and depression. Examination of the blood revealed anaemia, leucocytosis and lymphocytosis. The patient gave birth to a pair of twins. The first child presented a lumbar myelomeningocele, paraplegia and incontinence of the 2 sphincters. The child died with signs of intracranial hypertension, in a state of rigor and opisthotonos. The second child died also, with nervous symptoms: horizontal nystagmus, hypotonia, and convulsions. In the CSF, toxoplasma was demonstrated. Post-mortem examination and histological study of the 2 cases confirmed the diagnosis of necrotic granulomatous encephalitis with diffuse calcifications associated with a process of bilateral chorioretinitis. These are the first cases observed and confirmed in Rumania.
- Schachter - Marseilles (L, 7)

COUNTRY : Rumania T
CATEGORY : Human and Animal Physiology, Metabolism
ABS. JOUR. : RZMBiol., No.5 1959, No.21708
AUTHOR : Coja, N.; Vinti, I.; Precup, St.
INST. : -
TITLE : Alimentation during Pathological Pregnancy
ORIG. PUB. : Obstetr. si ginecol., 1958, 6, No. 3, 207--214
ABSTRACT : No abstract

Card: 1/1

T-4

COJA, N., assist. prof.; POP, M.; PATEOPOL, D.

Contributions to the study of the thyroid function during the early puerperium. Rumanian M. Rev. 3 no.4:38-41 O-D '59.

1. 1st Clinic of Obstetrics, Cluj.
(PUERPERIUM physiology)
(THYROID GLAND physiology)

COJA,N.; VINTI,I.; CIUCIU,T.; DAVID,E.

Colpocytology in young girls suffering from rheumatic disease.
Rumanian med.rev. 7 no.3:59-64 J1-S'63

*

COJA, N., conf.; RUSU, O.; TURCAS, A.; VODAILO, St.; GRUNFELD, T.

Staphylococcal infection in the puerperant and the newborn. Microbiologia
(Bucur) 6 no.1:28 Ja-F '61.

CAPRIOARA, D., prof.; COJA, N., conf.; SASU, V., conf.; RUSU, O.; IDU, V.; FANEA, E.; TURCAS, S.

Staphylococcal infections in gynecology and obstetrics. Microbiologia (Bucur) 6 no.1:22-23 Ja-F '61.

COJEDUS, I.

First school. p. 19. Aripile Patriei. Bucuresti. Vol. 1, No. 8, Aug. 1955.

SOURCE: East European Accessions List (EEAL), LC. Vol. 5. No. 3, March 1956.

COJENEANU N.

Rumania/Physiology of Plants. Growth and Development I-5

Abs Jour : Ref Zhur-Biologiya, No 2, 1958, 5688

Author : V. Petrescu, G. Savin, E. Braiscu, N. Cojeneanu

Inst : Not given

Title : On the Effect of Electromagnetic Waves on the
Growth of Seeds and the Further Development
of Plants (Preliminary Report)

Orig Pub : Bul. stiint. Acad. RPR, sec. mat. si. fiz.,
1956, 8, No 2, 415-424

Abstract : Dry and moistened seeds of corn and beans were
subjected to interrupted action of ultra-short
electromagnetic waves (UEV) with γ 6 or 12 μ .
The treatment with UEV with γ 12 μ arrested the
growth and development of the plants. A positive
effect was obtained as a result of the interrup-
ted treatment with UEV with 6 for a period of

Card 1/2

COJENEANU, Natalia

Stages of the growth and development of apricots in connection with their frost resistance. Studii cerc biol veget 13 no.1:49-57 '61.
(EEAI 10:9)

1. Comunicare prezentata de T. Bordeianu, membru corespondent al Academiei RPR.

(Apricot) (Plants)

BOBOESCU, N.; CRETĂ, G.; COJEREANU, P.; IEMNEANU, N.

Experimental studies on the characteristics of power in
the single seat valve with diffuser. Pul St si Tehn Tim
8 no.1:95-104 Ja-Je '63.

BIJAN, I.; UNGUREANU, G.; COTOCIU, E.; COJERESANU, P.; GUTMAYER, H.

Study of the pulverization uniformity in rotative injectors.
Bul St si Tehn Tim 9 no.1:57-64 Jan-Je '64.

BENETATO, Gr.; BACIU, I.; SECAREANU, St.; COJOCARU, A.; MOCODEAN, Justina;
VITEBSCHI, Varvara; SOLTUZ, V.

On the phagocyte-stimulating action of different globulin fractions
of the blood serum, isolated by the chromatographic method. Rev. sci.
med. 7 no.1/2:7-12 '62.

1. Membre de L'academie dela R.P.R. (for Benetato).
(SERUM GLOBULIN) (PHAGOCYTOSIS) (BARIUM SULFATE)